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TITLE : NOVEL MEDICINAL COMPOSITION FOR TREATING ALLERGIC AND AUTOIMMUNE DISEASES

ABSTRACT : PURPOSE: To obtain a novel subject composition which is useful in treating chronic bronchial asthma, hay fever and allergic rhinitis such as pollenosis by allowing aqueous solution or suspension of mycophenolic acid (or its derivative) to inhaling into respiratory tract or spraying into nasal cavity.

CONSTITUTION: Mycophenolic acid or its derivative is added to sterilized pure water to form a solution of suspension, to which 5% aqueous sodium hydroxide is gradually added to effect complete dissolution of the compound. Then, the solution is added with sodium chloride, methyl p-hydroxybenzoate and propyl p-hydroxybenzoate to form a solution and its volume is adjusted by adding sterilized pure water. The solution is sterilized by passing through the filtration unit equipped with membrane filter of 0.22 μ m pore diameter and the filtrate is further sterilized with ethylene oxide in a clean bench to give the objective medicinal composition for chronic bronchial asthma, hay fever or pollenosis by inhalation into respiratory tract or spraying into nasal cavity.

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